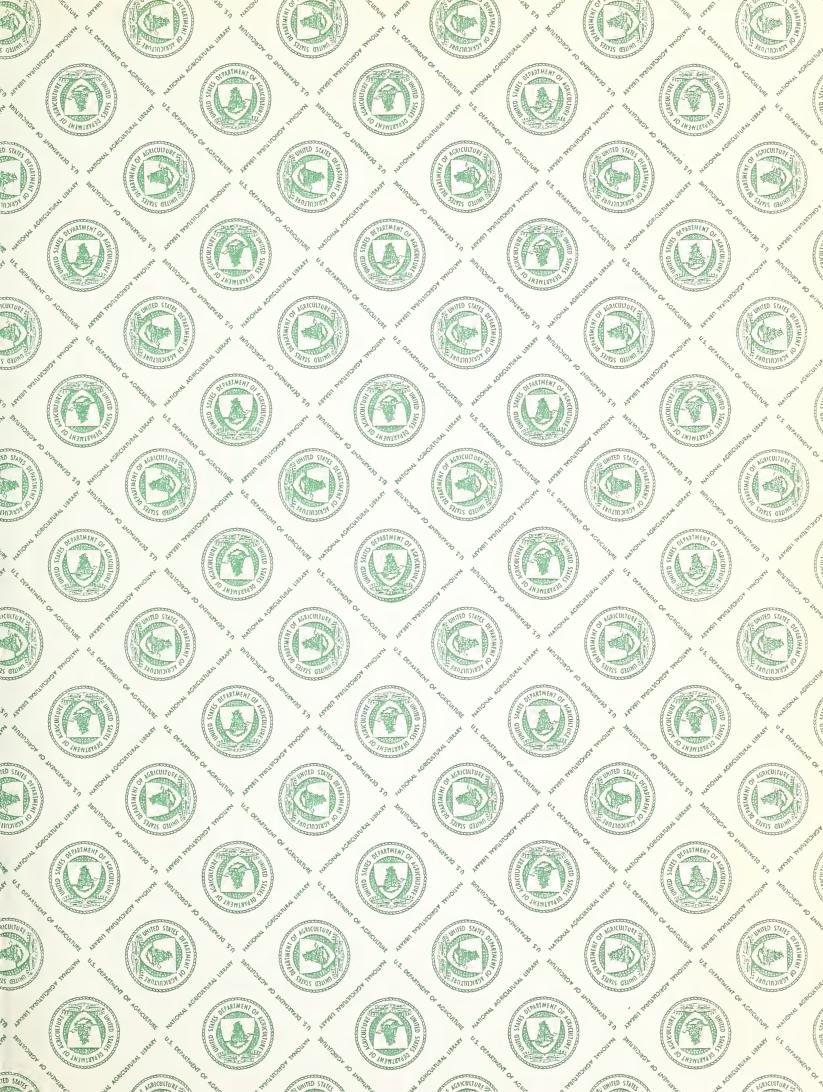
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Do not assume content reflects current scientific knowledge, policies, or practices.













WATER SUPPLY OUTLOOK

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

for

UTAH

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE, and

STATE ENGINEER of UTAH

In cooperation with U.S. Forest Service, Bureau of Reclamation, Utah Fish and Game Dept., Utah Agricultural Experiment Station, U.S. National Park Service, U.S. Geological Survey; and other Federal, State, and private organizations.

JAN. 1, 1965

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

To Recipients of Water Supply Outlook Reports:

The climate of the cultivated and populated areas of the West is characterized by relatively dry summer months. Such precipitation as occurs falls mostly in the winter and early spring months when it is of little immediate benefit to growing crops. Most of this precipitation falls as mountain snow which stays on the ground for months, melting later to sustain streamflow during the period of greatest demand during late spring and summer. Thus, nature provides in mountain snow an imposing water storage facility.

The amount of water stored in mountain snow varies from place to place as well as from year to year and accordingly, so does the runoff of the streams. The best seasonal management of variable western water supplies results from advance estimates of the streamflow.

A snow survey consists of a series of about ten samples taken with specially designed snow sampling equipment along a permanently marked line, up to 1000 feet in length, called a snow course. The use of snow sampling equipment provides snow depth and water equivalent values for each sampling point. The average of these values is reported as the snow survey measurement for a snow course.

Snow surveys are made monthly or semi-monthly beginning in January or February and continue through the snow season until April, May or June. Currently more than 1400 western snow courses are measured each year. These measurements furnish the key data for water supply forecasts.

Streamflow forecasts are obtained by a comparison of total or maximum snow accumulation, as measured by snow water equivalent, to the subsequent spring and summer or snowmelt season runoff over a period of years. The snow water equivalent measured in selected snow courses provides most of the index to the streamflow forecast for the following season. More accurate forecasts are usually obtained when other factors such as soil moisture, base flow and spring precipitation are considered and included in the forecast procedure. Early season forecasts assume average climatic conditions through the snowmelt season.

Listed below are the Federal-State-Private Cooperative Snow Survey and Water Supply Forecast reports available for the West which contain detailed information on snow survey measurements, streamflow forecasts, reservoir storage, soil moisture and other guide data to water management and conservation decisions. Soil Conservation Service Reports may be secured from Soil/Conservation Service, 511 N.W./Broadway - Room 507, Portland, Oregon 97209.

PUBLISHED BY SOIL CONSERVATION SERVICE

REPORTS	ISSUED	LOCATION	COOPERATING WITH
RIVER BASINS			
VESTERN UNITED STATES	MONTHLY (FEBMAY)	PORTLAND, OREGON	ALL COOPERATORS
BASIC DATA SUMMARY	OCTOBER 1	PORTLAND, OREGON	ALL COOPERATORS
STATES			
ALASKA	MONTHLY (MARMAY)	PALMER, ALASKA	ALASKA S.C.D.
AR I ZON A	SEMI-MONTHLY (Jan.15 - Apr.1)	PHOENIX, ARIZONA	SALT R. VALLEY WATER USERS ASSOC ARIZ. AGR. EXP. STATION
Colorado and New México	MONTHLY (FEBMAY)	FORT COLLINS, COLORAD	O — COLO. STATE UNIVERSITY COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IDAHO	MONTHLY (JANJUNE)	BOISE, DAHO	IDAHO STATE RECLAMATION ENGINEER
MONTANA	MONTHLY (JANJUNE)	BOZEMAN, MONTANA	MONT. AGR. EXP. STATION
NEVADA	MONTHLY (JANMAY)	RENO, NEVADA	NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES DIVISION OF WATER RESOURCES
ORE GON	MONTHLY (JANJUNE)	PORTLAND, OREGON	OREG. STATE UNIVERSITY OREGON STATE ENGINEER
UTAH	MONTHLY (JANJUNE)	SALT LAKE CITY, UTAH.	UTAH STATE ENGINEER
WASHINGTON	MONTHLY (FEB JUNE)	SPOKANE, WASHINGTON	WN. STATE DEPT. OF CONSERVATION
WYOMING	MONTHLY (FEBJUNE)_	CASPER, WYOMING	WYOMING STATE ENGINEER
	PUBLISHED	BY OTHER AGENCIES	
REPORTS	ISSUED		AGENCY
BRITISH COLUMBIA	MONTHLY (FEB JUNE)	WATER RESOUR FOREST AND WAT VICTORIA, B.C.	CES SERVICE, DEPT. OF LANDS, ER RESOURCES, PARLIAMENT BLDG., , CANADA
CALIFORNIA	MONTHLY (FEBMAY)	CALIF. DEPT. O	F WATER RESOURCES, P.O. Box 388.

SACRAMENTO, CALIF.

251456

WATER SUPPLY OUTLOOK

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS for UTAH

JANUARY 1, 1965

Report prepared by

GREGORY L. PEARSON - GARRY DINSDALE and

ana

Patricia Paramore

SOIL CONSERVATION SERVICE SNOW SURVEY SECTION FEDERAL BLDG., ROOM 4012 SALT LAKE CITY UTAH 84111

Issued by

WAYNE D. CRIDDLE

STATE ENGINEER

STATE OF UTAH

SALT LAKE CITY, UTAH

J.A. LIBBY

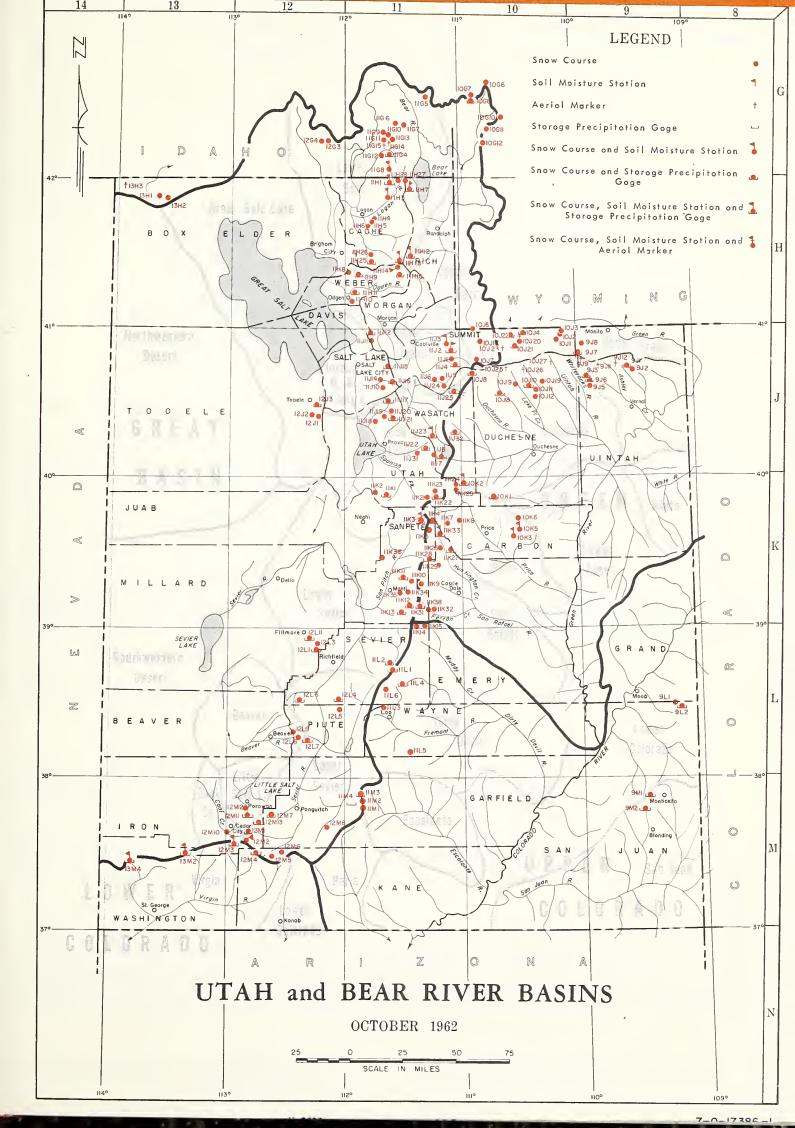
STATE CONSERVATIONIST

SOIL CONSERVATION SERVICE

SALT LAKE CITY, UTAH

DR. D.W. THORNE
DIRECTOR
UTAH AGRICULTURAL
EXPERIMENT STATION
LOGAN, UTAH





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INDEX TO UTAH AND BEAR RIVER BASIN	NO. STATE NAME SEC. TWP. RGE. ELEV.	U Middle Canyon U Middle Canyon U Middle Canyon U Middle Canyon U Parley's Canyon Summit x 9 & 10 15 3E U Rocky Basin-Settlement Ganyon 30 45 3W U Silver Lake (Brighton) 35 28 3E U Big Flat x U Box Creek U Box Creek U Box Creek U Castle Valley U Castle Valley U Castle Valley U Duck Greek R.S. 11 38S 8W	111.3	U Widtsoe-Escalante #2 22 34.5 1W U Widtsoe-Escalante #2 22 34.5 1W U Widtsoe-Escalante #3 22 34.5 1W Widtsoe R.S. 22 34.5 1W LOWER SEVIER RIVER (Including San Pitch Riv U Beaver Dams 27 19.5 3W	IIII U Farrsworth Lake	U Thistle Flat 24, 185 4E BEAVER RIVER	12L7P U Big Flat 1259 4W 10290 12L9 U Wenchmark's Valley 8 & 9 29S 5W 8700 12L8 U U Chter Lake 1 29S 5W 9700 12ML2 U EN Ward Flat 17 35S 5W 8700 12MLP U Yankee Reservoir 20 35S 5W 8700 12MLP U YANKEE 20 35S 5W 8700 20 35S 5W 8700 20 35S 5W 8700	COAL CREEK 12MJP U Gedar Breaks x 2 375 9W 10390 12MZP U Midway Valley x 11 375 9W 8450 12MJO U Urie Flat 1375 10W 8450 14 375 10W 8450 15 MJO U Urie Flat 15 MJO 15 MJO	Weester Flac X ENTERPRISE TO NEW HARMONY DRAINAGES U Little Grassy Greek 15 38S 17W U Long Flat	COLORADO RIVER DRAINAGE UPPER GREEN RIVER IN UTAH (above Duchesne Ri U Ashley Twin Lakes U Ashley Twin Lakes U Bleek's Fork G.S East Fork 25 2N 12E	10022P	U Middle Seaver Greek 31 3M 16E U Spirit Lake 17 2M 17E U Steel Greek Park 17 2M 17E U Windy Park 1 15 20E	DUCHESNE RIVER 10J27a U Atwood Basin 21 15 15E 10Z50 10J3 U Brown Duck Lake 2 N 6W 10300 1J32MP U Chepeta-Whiterocks Lakes 3 15 17E 10300 1J32MP U Daniela-Strubberry Summit x 20 25 12W 7800 1J37P U Bast Portal x 35 75 75 6E 7560 10J26a U Indian Ganyon 2 11S 10G 9100 10J19 U Jackson Park 2 11S 10E 9100 10J19 U Jackson Park 2 3 3 4 11300
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	STATE NAME	GREAT BASIN DRAINAGE UPPER BEAR RIVER (obove Harer, Idaho) Big Park U Shrts-Miller Ranch 7 27N 111 W CCC Comp X 1 28N 111 W Kelly Ranger Station 13 26N 111 W Monte Oristo R.S. 13 26N 111 W Piney LaBarge X 2 2 30N 111 Sall River Summit 32 22 2N 111 Stillwater Comp		Daigrant Summit Enigration Canyon (mouth) Franklin Basin Franklin Basin Garden City Summit Horseshoe Basin Klondike Marrows Liberty Springs	Little Bear (upper) Wh. Logan Morde Cristo R.S. Wh. Logan Scrot Mountain Sing Creek Bivide Spring Hollow (upper) Spring Hollow #2 Scep Hollow #1 Steep Hollow #1 Steep Hollow #2 Steep Hollow #2 Steep Hollow #2 Steep Hollow #3 Steep Hollow #3 Steep Hollow #4 Steep Hollow #4 Steep Hollow #2 Steep Hollow #3 Steep		U Beaver Greek-Skunk Creek U Ben Lomond Peak U Ben Lomond (Jover) U Dry Bread Pond U Monte Gristo R.S. U Mt. Ogden Sagebrush Fat		U Chalk Creek #72 U Chalk Creek #72 U Farmington Canyon (lower) x U Farmington Canyon (upper) x U Lamb's Canyon x U Parley's Canyon Sumit				South Fork R.S. South Fork R.S. Strauberry Divide Timpanogos Guve Camp Timpanogos Divide Trial Lake JORDAN RIVER & GREAT Bewan's Cabin Farmington Canyon (lower) Farmington Canyon (upper)
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AERIAL MARKER PRECIPITATION GAGE

WATER SUPPLY OUTLOOK

as of

JANUARY 5, 1965

Record to near record snowfall during December on the mountain watersheds of central and northern Utah built up the snowpack until it now is about one and one half to over twice its usual amount for the first of January.

In southwestern Utah the snowpack is also above average - from about 125% to 190%, except on the East Fork Sevier and Escalante rivers where it is 19% below average.

Nearly three fourths of the 54 snow courses measured this month now show water contents which are between their February 1st and March 1st averages.

In general, the snowpack in central and northern Utah is proportionately much greater at the higher elevations than at lower levels. At the lowest elevations the snowpack falls below average, due to the excessive snowmelt from the warm temperatures and rain during December.

Although streams in southwestern areas are not expected to yield as much as those in central and northern areas, the outlook for them is still good. Forecasts range from about 15% to 30% above average for the Virgin and main Sevier rivers, and for the smaller streams near Cedar City, Beaver and Fillmore.

Moving farther north, the tributaries of the San Pitch, San Rafael and Price rivers are expected to yield from 140% to 175% of average streamflow. This is about the same or a little more water than was measured in 1962.

In the Uintah Basin, the snowpack is particularly heavy in the west, indicating a streamflow forecast of 160% for the Strawberry river at Duchesne and 145% for the Duchesne at Tabiona. Moving eastward, forecasts decrease to about 125% near Vernal.



WATER SUPPLY OUTLOOK (continued)

Streams from the Spanish Fork river northward to the Idaho line should yield between 120% and 160% of average. Exceptions are the Cottonwood Creeks at Salt Lake and the inflow to Utah Lake which are expected to be 10% to 15% above average.

Highest forecasts in this northern area are for Chalk Creek near Coalville, East Canyon Creek near Morgan, Parleys Creek near Salt Lake and the Weber river at Coalville. These streams are expected to produce from 150% to 160% of average.

Streamflow forecasts are made by combining present snowpack and soil moisture conditions and assuming that average weather will prevail for the balance of the season. Since in the average year there is still 60% to 65% of the snowpack yet to come, forecasts can change considerably - either up or down - as the season progresses.

Because of the present heavy snowpack, even if quite a dry spell is experienced, water supplies next summer should still be adequate for most of the state. On the other hand, since many of the streams are already expected to be running high enough that they could cause damage during the main snowmelt period, if above average snowfall occurs for the balance of the season, the high water threat will become critically dangerous.



USABLE MEASURED (FIRST OF MONTH) BASIN or STREAM RESERVOIR CAPACITY LAST YEAR AVERAGE THIS YEAR

GREAT BASIN

Bear River	Bear Lake Woodruff Narrows	1421.0 26.5	881.1 No Report	•	882.4
Little Bear	Hyrum Porcupine	15.3 11.3	8.2 5.0c	12.2	9.1
<u>Ogden</u>	Pineview	110.0	61.4	56.1	8.5
Weber	Rockport Echo East Canyon	59.1 73.9 28.7	41.2 42.0 0.0	26.1 30.5 17.9	15.0% 23.9 11.2
Provo	Deer Creek	149.7	115.2	100.9	91.8
Spanish Fork	Strawberry	270.0	59.5	51.1	129.3
Utah Lake	Utah Lake (b)	1149.0	355.9	214.4	448.0
Sevier River	Otter Creek Piute Sevier Bridge	52.5 74.0 236.0	11.4 16.9 31.8	10.6 11.2 29.4	19.7 23.9 79.5
Beaver River	Rocky Ford	23.3	5.4c	4.5	9.1
	COLORADO RIV	/ER DRAINAGE			
Ashley Creek	Steinaker	33.3	12.6	6.9	46P CED
Lake Fork	Moon Lake	35.8	8.2	17.4	11.3
Price River	Scofie1d	65.8	10.8	9.6	17.0
Green	Flaming Gorge	3789.0%	1,137.6	924.4	an eo
San Juan	Navajo	1709.0*	391.9	343.2	
Colorado	Lake Powell	27000.0*	6,224.0	2968.0	

All data contained in this table supplied by the U.S. Geological Survey.

^{* -} Total capacity reported

^{** - 5} year average

All data contained in this table supplied by the U.S. Geological Survey.

⁽a) 1948-62 average. (b) Active capacity taken at 3.1 feet above compromise point. (c) Partly estimated.

⁽d) Total capacity reported.



Whiterocks - Uintah Rivers

Price River

Virgin River

San Rafael River

Escalante River

Smith's Fork - Bear River(Wyo) 2 225 184 Logan River 3 299 167 Ogden River 2 210 128 Weber River above Echo Dam 6 473 204 East Canyon Creek 3 372 183 Farmington Creek 2 421 204 Salt Lake Area 4 387 182 Tooele Area 1 215 165 American Fork River 2 280 150 Provo River above Vivian Park 7 499 199 Strawberry Reservoir Valley 3 766 182 Payson Creek 2 262 183 Sevier River above Hatch 3 384 191 East Fork Sevier River 4 201 81 Clear Creek above Sevier 1 230 127 Salina Creek 2 267 220 San Pitch River 6 297 204 Coal Creek-Cedar City 3 254 146 Duchesne-Strawberry Rivers 6 728 204 Duchesne-Strawberry Rivers 78 78 78 78 Duchesne-Strawberry Rivers 78 78 78 78 Duchesne-Strawberry Rivers 78 78 Duchesne-Strawb	RIVER BASIN or TRIBUTARY WATERSHED	NO. of COURSES	THIS YEARS SNOW WATER	EXPRESSED AS PERCENT
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	Duchesne-Strawberry Rivers	6	•	

GREAT BASIN DRAINAGE UPPER BEAR RIVER (Above Harer, Idaho) 12/30 CCC Camp x 10G7 7500 38 8.8 4.0 5.1 12/30 Salt River Summit* 10G8 7900 12.4 5.4 6.4 50 Trial Lake* 10J8 12/30 9800 5.3 89 23.4 10.8% LOWER BEAR RIVER (Below Harer, Idaho) Garden City Summit 7600 12/29 14,4 11H7 50 5.2 8.1% 7400 12/29 4.2 Klondike Narrows 11H1 54 15.4 8.5% Tony Grove R.S. 6250 12/29 6.8 4.8% 11H3 26 2.7 OGDEN RIVER Ben Lomond Peak 12/30 11H8 8000 62 21.3 7.8 13.5% Ben Lomond(lower) 11H9 5850 12/30 21 6.2 4.2 6.3% Ben Lomond Trail 12/30 25 8.2 4.5 11H30 6000 Cutler Creek 48 6780 12/30 16.3 6.0 11H29 WEBER RIVER Beaver Creek R.S. 11J24 12/30 7.8 3.4% 7500 35 1.1 11J14 6600 12/28 48 5.4% Lamb's Canyon x 10.0 3.0 12/2949 13.3 3.2 7.0% Parley's Canyon Smt. 11J15 7500 12/30 13.4 Silver Lake x 11J16 8725 69 5.0 10.6 12/28 Smith & Morehouse 43 10.8 4.7% 11J4 7600 1.9 Trial Lake x 10J8 9800 12/30 89 23.4 5.3 10.8% PROVO RIVER & UTAH LAKE

Camp Altamont	11J20	7300	12/30	35	10.2	3.3	7.0
Daniels-Strawberry Sr	nt,11J23	8000	12/30	42	10.0	1.7	5.4
East Portal	11J7	7560	12/30	35	7.6	0.6	4.1
Payson R.S.	11K1	8050	12/29	46	11.2	3.6	5.9*
Rock Bridge	11K2	6750	12/29	36	7.2	3.4	4.1%
Soapstone R.S.	11J25	7800	12/30	52	12.8	1.6	5.2%
South Fork R. S.	11J19	6100	12/30	9	1.7	2.6	3.8
Strawberry Divide	11J8	8000	12/30	57	13.3	3.0	7.6
Timpanogos Cave Camp	11J18	5500	12/30	5	0.6	1.1	1.4
Timpanogos Divide	11J21	8140	12/30	58	16.5	6.6	10.7
Trial Lake	10J8	9800	12/30	89	23.4	5.3	10.8*



SNOW			CII	RRENT INFORI	MATION	Duot seed	
DRAINAGE BASIN ond SNOW	COURSE		DATE OF	SNOW DEPTH	WATER	PAST RECOR	
NAME	NO.	ELEVATION	SURVEY	(Inches)	CONTENT (Inches)		RAGE
JORDAN RIVER & GREAT S	ALT LAK	<u>E</u>					
Farmington Canyon(1) Farmington Canyon(u) Lamb's Canyon Middle Canyon Mill D South Fork Parley's Canyon Smt.x Silver Lake	11J12 11J11 11J14 12J3 11J10 11J15 11J16	6950 8000 6600 7000 7400 7500 8725	12/30 12/30 12/29 12/30 12/30 12/29 12/30	46 67 48 31 51 49	13.6 21.3 10.0 8.4 13.4 13.3 18.4	3.8 4.4 3.0 3.9 3.1 3.2 5.0	8.0* 9.0* 5.4* 5.1* 7.5* 7.0* 10.6
UPPER SEVIER RIVER (South of Richfield, U	tah)						
Bryce Canyon Duck Creek R.S. Harris Flat Kimberly Mine Long Valley Jct.x Midway Valley Widtsoe-Escalante Smt. Widtsoe-Escalante #2 Widtsoe-Escalante #3	12M8 12M4 12M5 12L6 12M6 12M2 11M1 11M2 11M3	8000 8560 7700 8900 7500 9800 9500 9500	12/28 12/30 12/30 12/28 12/30 12/30 12/29 12/29 12/29	10 32 19 32 4 38 16 18 22	2.3 7.4 4.9 7.6 0.4 10.0 3.2 3.2 4.0	Trace 1.4 Trace 3.3 0.0 4.2 1.1 2.2 2.4	2.2* 4.0* 2.0* 6.0* 1.0* 7.0* 3.4 4.8* 7.0*
LOWER SEVIER RIVER (Including San Pitch R	<u>iver)</u>						
Beaver Dams Farnsworth Lake G.B.R.C. Headquarters G.B.R.C. Meadows Gooseberry R.S. Gooseberry Reservoir x Mammoth R.SCtnwd.Crk Mt. Baldy R.S. Shingle Mill		8000 9900 8700 10000 8400 8700 8800 9500 6200	1/2 1/4 12/31 12/31 1/4 12/29 12/29 1/2 12/29	34 41 45 63 29 47 50 60 12	8.8 11.9 12.6 16.8 8.0 12.3 12.0 16.6 2.8	2.8 4.2 4.2 5.7 3.2 4.6 4.6 4.8 2.9	3.9* 6.0* 5.5* 9.0* 3.3* 6.8* 7.0* 7.2*
COAL CREEK							
Midway Valley x Urie Flat Webster Flat x	12M2 12M10 12M3	8450	12/30 12/30 12/30	38 13 28	10.0 2.9 6.5	4.2 1.1 2.5	7.0* 1.9* 4.5*



COLORADO RIVER DRAINAGE

DUCHESNE RIVER	C	OLONADO	KINEK DIVUI	NAGE			
DOCTIESNE KIVEK							
	1J23 11J7 10K1 9J6 9J5 9J3 1J25 11J8 10J8	8000 7560 9100 9800 9500 10100 7800 8000 9800	12/30 12/30 12/30 12/30 12/30 12/30 12/30 12/30	42 35 48 47 41 45 52 57 89	10.0 7.6 10.8 8.8 8.3 9.6 12.8 13.3 23.4	1.7 0.6 1.3 2.5 1.2 2.1 1.6 3.0 5.3	5.4 4.1 5.0 5.6* 4.0* 5.4* 7.6 10.8*
PRICE RIVER							
Gooseberry Reservoir Indian Canyon x Jones Ranch Mammoth R.SCtnwd.Crk.x	11K8 11K4 10K1 11K7 11K3 1K33	7800 8700 9100 7600 8800 8300	12/29 12/29 12/30 12/29 12/29 12/29	39 47 48 25 50 57	8.2 12.3 10.8 4.8 12.0 12.0	1.1 4.6 1.3 Trace 4.6 1.9	3.0 6.8* 5.0 2.2 7.0* 4.8*
SAN RAFAEL RIVER							
Gooseberry Reservoir x Mammoth R.SCtnwd.Crk.x		10000 8700 8800 9 <i>5</i> 00	12/31 12/29 12/29 1/2	63 47 50 60	16.8 12.3 12.0 16.6	5.7 4.6 4.6 4.8	9.0* 6.8* 7.0* 7.2*
FREMONT RIVER							
Farnsworth Lake x	11L1	9900	1/4	41	11.9	4.2	6.0%
MUDDY RIVER							
	1K12	9500	1/2	60	16.6	4.8	7.2*
ESCALANTE RIVER			,				
Widtsoe-Escalante Smt. Widtsoe-Escalante #2 Widtsoe-Escalante #3	11M1 11M2 11M3	9500 9500 9500	12/29 12/29 12/29	16 18 22	3.2 3.2 4.0	1.1 2.2 2.4	3.4 4.8* 7.0*
VIRGIN RIVER	1 2 1 1	9.560	12/20	22	7 /1	1 /	1, 0%
Duck Creek R.S. Harris Flat x Long Valley Jct. Midway Valley x Webster Flat	1 2M4 1 2M5 1 2M6 1 2M2 1 2M3	8560 7700 7500 9400 9200	12/30 12/30 12/30 12/30 12/30	32 19 4 38 28	7.4 4.9 0.4 10.0 6.5	1.4 Trace 0.0 4.2 2.5	4.0* 2.0* 1.0* 7.0* 4.5*



DRAINAGE BASIN		CURRE	NT INFORMATI	ON	FROM APPR	ATE	
AND RAIN GAGE LOCATION	ELEVATION	DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	THIS YEAR		RCENT OF
				a			
	GREA	AT BASIN	DRAINAGE				
UPPER BEAR RIVER (Above Harer, Idaho)						<i>,</i>	
Salt River Summit Trial Lake*	7900 9800	1 2/30 1 2/30	9.80 11.75	3.20 5.05	-	7.75 11.05	181 175
LOWER BEAR RIVER (Below Harer, Idaho)							
Garden City Summit Klondike Narrows Tony Grove R.S. (SCS)	7600 7400 6250	12/31 12/29 12/29	13.08	3.40		8.25 10.20	190 195
OGDEN RIVER							
Ben Lomond(lower) Ben Lomond Trail Causey Dam	5850 6000 5500	12/30 12/30 12/30	11.03 11.14 7.40	3.80 4.00	19.21 19.57 11.10	10.60	181 176
WEBER RIVER							
Farmington Guard Sta.(1) Farmington Rice (1) Mt. Dell Dam(2)* Parley's Canyon Smt. Silver Lake(Brighton)*(2) Smith & Morehouse Trial Lake*	7500 7000 5500 7500 8725 7600 9800	1/4 1/4 12/31 12/29 12/31 12/28 12/30	9.04 8.25 7.53 10.98 13.63	5.40 4.90a 2.49a 4.05 5.67a	17.62 12.52 16.32 21.02 13.74	13.40 11.99a 6.11a 9.45 12.98a 8.30 11.05	146 147 205 173 162 166 175
PROVO RIVER & UTAH LAKE							
Daniels-Strawberry Smt. East Portal Ridge Payson R.S. Soapstone R.S. Strawberry ResE.Portal Timpanogos Divide Trial Lake	8000 7800 8050 7800 7606 8200 9800	12/30 12/30 12/29 12/30 12/30 12/30 12/30	7.99 8.50 7.80 5.45 8.90	2.06a 5.09a	13.00 12.32 12.74 8.50 16.85	8.15 7.35 4.98a	164 151 173 171 144 175
JORDAN RIVER & TOOELE VALL	.EY						
Middle Canyon Mt. Dell Dam(2) Parley's Canyon Smt. Silver Lake(Brighton) (2)		12/30 12/31 12/29 12/31	7.53 10.98	4.05	12.52	6.11a 9.45	
(1) Data aummlied by U.S. E	2 + 2 - 2		(2) D-	ta euma	lied by	HCMB	

⁽¹⁾ Data supplied by U.S.Forest Service

* Adjacent Drainage

⁽²⁾ Data supplied by USWB

a All values estimated except those where symbol "a" occurs.

⁽¹⁾ Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.



PRECIPITATION DATA (Inches)		OUBBR	AIT MITORAL	1011			
DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	FROM APP	PROX. IO/I TO 1948-62 AVERAGE	DATE PERCENT OF
		KEADING	PRECIPIATION		<u> </u>	a	AVERAGE
				a		d	
SEVIER RIVER ABOVE RICHFIEL	D						
Duck Creek R.S. Kimberly Mine Webster Flat* Widtsoe-Escalante #3 Widtsoe-R. S.	8560 8900 9200 9500 7600	12/30 12/28 12/30 12/29 12/29	4.29 4.49 4.10 2.13 0.55	2.90 3.10 3.00 2.30 0.93a	7.88 9.19 7.88 4.56 1.29	6.90 7. 8 5 7.00 6.25 2.71a	114 117 113 73 48
SEVIER RIVER BELOW RICHFIEL (Including San Pitch River)	D						
Beaver Dams Farnsworth Lake G.B.R.C. Headquarters(1) G.B.R.C. Meadows(1) G.B.R.C. Oaks(1) Gooseberry R.S.(1) Gooseberry Reservoir* Mammoth R.S. #2* Mt. Baldy Shingle Mill	8000 9900 8700 10000 7655 7800 8700 8600 9500 6200	1/2 1/4 12/31 12/31 12/31 1/4 12/29 12/29 1/2 12/29	6.91 6.75 7.95 4.62 4.76 7.35 8.03	3.15 3.03 3.36 2.24 2.40 3.35 3.35 	10.10 11.95 12.38 14.17 8.39 8.89 12.78 13.33 12.30 8.00	6.35 8.00 7.76 8.75 5.59 5.80 8.15 8.10	159 149 160 162 150 153 157 164
BEAVER RIVER							
Beaver Canyon P.H.(2)	7275	12/31	2.43	1.41a	4.18	3.80a	110
COAL CREEK							
Webster Flat*	9200	12/30	4.10	3.00	7.88	7.00	113
		COLORA	DO RIVER	DRAINA	GE		
DUCHESNE RIVER							
Daniels-Strawberry Smt.* East Portal Ridge* Indian Canyon Julius Park Moon Lake Paradise Park Soapstone R.S.* Strawberry ResE.Portal* Trial Lake*		12/30 12/30 12/30 12/30 1/3 12/30 12/30 12/30 12/30	7.99 8.50 4.65 7.80 5.45 11.75		13.72 13.00 10.32 8.51 7.10 9.15 12.74 8.50 19.34	8.35 6.80 7.05 4.25 7.55 7.35 4.98a 11.05	152 121 167 121 173

⁽¹⁾ Data supplied by U.S.Forest Service (2)

* Adjacent Drainage a

⁽²⁾ Data supplied by U.S. Weather Bur.

a All values estimated except those where symbol "a" occurs.



PRECIPITATION DATA (Inches)

DRAINAGE BASIN		CURRE			FROM APPROX. 10/1 TO DATE			
AND RAIN GAGE LOCATION	ELEVATION	DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	THIS YEAR	1948 - 62 AVERAGE	PERCENT OF AVERAGE	
				а		а		
PRICE RIVER								
Gooseberry Reservoir Indian Canyon Mammoth R.S. #2 Mud Creek	8700 9100 8600 8300	12/29 12/30 12/29 12/29	7.35 8.03 7.65	3.35 3.35 3.15	12.78 10.32 13.33 12.80	8.15 6.80 8.10 7.15	157 152 164 179	
SAN RAFAEL RIVER								
G.B.R.C. Meadows*(1) Gooseberry Reservoir*	10000 8700	12/31 12/29	7.95 7.35	3.36a 3.35	14.17 12.78	8.75a 8.15	162 157	
MUDDY RIVER								
Mt. Baldy R.S.*	9500	1/2			12.30			
FREMONT & ESCALANTE RIVER	<u>S</u>							
Farnsworth Lake* Widtsoe-Escalante #3	9900 9500	1/4 12/29	6.91 2.13	3.15 2.30	11.95 4.56	8.00 6.25	149 73	
VIRGIN RIVER								
Duck Creek R.S. Webster Flat	8560 9200	12/30 12/30	4.29 4.10	2.90 3.00	7.88 7.88	6.90 7.00	114 113	

⁽¹⁾ Data supplied by U.S.Forest Service (2) Data supplied by U.S.Weather Bur. * Adjacent Drainage a All values estimated except

those where symbol "a" occurs.



Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

- U.S. Department of Agriculture Soil Conservation Service Forest Service
- U.S. Department of Commerce Weather Bureau
- U.S. Department of Interior
 Bureau of Reclamation
 Geological Survey
 National Park Service

STATE AGENCIES

Utah Agricultural Experiment Station
Utah Fish and Game Department
Utah State Engineer
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner
Utah Water and Power Board

MUNICIPALITIES

Manti Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

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Kaiser Steel Corporation

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